

Docket No. AUS920030820US1

ABSTRACT OF THE DISCLOSURE

METHOD AND APPARATUS FOR IDENTIFYING DIFFERENCES IN RUNS OF A COMPUTER PROGRAM DUE TO CODE CHANGES

A method and apparatus for identifying differences in runs of a computer program that are due to changes in the code of the computer program. With the apparatus and method, call trees are generated for two or more builds of a computer program. The apparatus and method perform a "tree-subtract" operation in which the two or more call trees generated during runs of two or more different builds of a computer program are subtracted from one another to identify build to build differences in the execution of the computer program. From the resulting tree, portions of the runs of the different builds of the computer program where the resource utilization of the computer program has not changed are easily identifiable. Moreover, portions of the runs of the different builds of the computer program where there are improvements or regressions in resource utilization of the computer program may be easily identifiable.